

AMENDMENTS TO THE CLAIMS:

This listing will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently Amended): A transcriptional activator comprising ~~the following~~
~~(a) or (b)~~:

(a) ~~A~~ a protein comprising an amino acid sequence of SEQ ID NO: 1[.]; or

(b) ~~A~~ a protein, with a transcriptional activator activity, comprising an amino acid sequence, wherein one or several amino acids are deleted, substituted or added in the amino acid sequence of (a).

Claim 2 (Original): A medical agent for activation of transcription, comprising the transcriptional activator of claim 1 as an effective component.

Claim 3 (Original): An antibody or antagonist which recognizes and binds selectively to the transcriptional activator of claim 1.

Claim 4 (Original): A method for examining the diseases based on the abnormality of a reproductive organ, which comprises the steps of obtaining cells from tissues of said reproductive organ of a patient and examining the reactivity of the antibody or antagonist of claim 3 against said cells.

Claim 5 (Original): A screening agent for medical drugs to activate the transcription, comprising the antibody or antagonist of claim 3 as an effective component.

Claim 6 (Currently Amended): A transcriptional activator (GCX-1) gene comprising ~~the following (a) or (b):~~

(a) DNA comprising a nucleotide sequence of SEQ ID NO: 2[.]; or

(b) DNA encoding a protein comprising an amino acid sequence of SEQ ID NO: 1 or a protein, with transcriptional activator activity, comprising an amino acid sequence, wherein one or several amino acids are deleted, substituted or added in said amino acid sequence of SEQ ID NO: 1.

Claim 7 (Currently Amended): A method for examining the diseases based on the abnormality of a reproductive organ, which comprises the steps of obtaining DNA containing the region of the gene of claim 6 from a patient and comparing the obtained DNA with the nucleotide sequence of ~~the~~ said gene ~~of claim 6~~.